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Our File No. 9281-4680  
Client Reference No. S US02194

### PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Toru Aoyagi for High-Work-Efficiency Multilayered Circuit Board.

Enclosed are:

- ☒ Preliminary Amendment
- ☒ 26 pages of application (including title page and Abstract), 7 sheets of formal drawings and the following Appendices: n/a
- ☒ Declaration and Power of Attorney for Patent Application
- ☒ Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- ☒ Submission of Certified Copy of Priority Document and certified copy of Japanese Application No(s). 2002-006674
- ☐ Information Disclosure Statement, PTO-1449, and reference

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	8-20	0
Indep. Claims	1 -3	0
Multiple Dependent Claims Present		

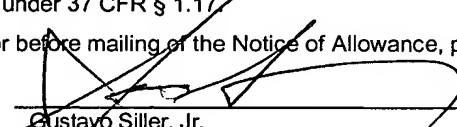
\*If the difference in col. 1 is less than zero, enter "0" in col. 2.

Small Entity	
Rate	Fee
	\$ 385
x\$9=	\$
x\$43=	\$
+\$145=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 770
x\$18=	\$
x\$86=	\$
+\$290=	\$
Total	\$770

- ☐ Please charge my Deposit Account No. 23-1925 in the amount of \$\_\_\_\_. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$770 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
  - ☒ Any additional filing fees required under 37 CFR § 1.16.
  - ☒ Any patent application processing fees under 37 CFR §1.17.
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  - ☐ Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
  - ☐ Any patent application processing fees under 37 CFR § 1.17.
  - ☐ The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date 10/20/03

  
Gustavo Siller, Jr.  
BRINKS HOFER GILSON & LIONE  
Registration No. 32,305  
Customer Number 00757

The PTO did not receive the following listed Items(s) a check of \$40.00  
but we got two check of \$70.00